

INTERNATIONAL SEARCH REPORT

Inte Application No
PCT/EP2004/052379

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07C1/04 B01J23/75 B01J21/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07C B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | US 2003/181329 A1 (SANBAYASHI MASAYUKI ET AL) 25 September 2003 (2003-09-25) paragraphs '0221!, '0227! - '0229!; example 1 claims 1,14,16,17,58,61,62 | 1-11,13 |
| X | US 2002/042449 A1 (NAKAMURA HIDENORI ET AL) 11 April 2002 (2002-04-11) paragraphs '0002!, '0047! paragraphs '0074!, '0084!, '0090!, '0091!; examples 9,10,comparative1-2 ----- -/-- | 1-6 |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

22 February 2005

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
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| X | EP 1 083 152 A (SHOWA DENKO KABUSHIKI KAISHA) 14 March 2001 (2001-03-14) paragraphs '0001!', '0002! paragraph '0036! paragraphs '0071!', '0080!; examples 1,13 | 1-6 |
| X | WO 97/00231 A (SHELL INT RESEARCH ;SHELL CANADA LTD (CA)) 3 January 1997 (1997-01-03) cited in the application the whole document | 15 |
| A | US 2002/107142 A1 (HATANAKA MIHO ET AL) 8 August 2002 (2002-08-08) | |

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